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<u> Un"Kush"ioned Fall:</u>

Anticipated Difficult Airway in Acutely Intoxicated Patient With Severe Facial Injuries

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Introduction:

of situations can be handled relatively smoothly. and oftentimes with thorough planning and careful execution even the most difficult A known difficult airway is an opportunity to utilize an anesthesiologist's full skill set

confused and walked off an interstate overpass to fall approximately 20 feet. secretions with self suctioning, but with obvious facial deformity from fall and open left femur fracture. Trauma scans revealed the following injuries: Presented to trauma bay GCS 15, protecting own airway, conversant, able to clear 55 y/o male trauma patient, acutely intoxicated on synthetic THC ("Kush"), became Case Presentation and Management:

-Comminuted displaced mandibular alveolar process fractures -Comminuted displaced bilateral nasal and nasal septal fractures -Bilateral complex LeFort III and zygomaticomaxillary fractures

-Possible bilateral internal carotid artery and right vertebral artery dissections

appeared still acutely intoxicated, as he was easily distracted and somewhat in C-collar secondary to acute intoxication and inability to be clinically cleared. He maxillary fractures into oral cavity at the time of assessment in ICU. Patient remained prior to OR. Actively oozing frank blood from multiple alveolar process fractures and time. Patient acutely hypertensive SBP>200 /DBP>100 at time of assessment in ICU acerations and apply arch bars for stabilization of maxillary fractures at the same Orthopedics requiring urgent femur ex-fix, and ENT elected to repair multiple facial Open left distal femur fracture



experts and the current literature, the gold standard for difficult airway is an awake the ASA difficult airway practice guidelines [1], including difficulty with cooperation. staff/assistants involved prior to beginning any intervention. According to most to have multiple contingency plans in place in a situation such as this, and to difficult laryngoscopy, and possibly difficult intubation. It is of the utmost importance which in our situation was unachievable secondary to acute intoxication. However this requires cooperation and understanding on the patient's part, fiberoptic intubation, which is reportedly successful in 88-100% of difficult airways thoroughly discuss anticipated problems with the patient (if able) as well as all In this patient we had to balance our goal of safely securing the airway with There were multiple concerns for this patient's airway management according to

- synthetic THC intoxication include [2]: herbals or substances before use [2]. Most common signs and symptoms of acute agitated due to his intoxication. Due to the unknown true nature of his drug use, we hemodynamic management goals, as the patient was acutely hypertensive and THC, of which there are many varieties and these are usually mixed with other were unable to accurately predict his mental state. Reportedly he used a synthetic
- Agitation, toxic psychosis (possible seizures/hallucinations), or coma (66%)
- Bradycardia, tachycardia, or other CV effects (17%)
- Rhabdomyolysis (6%)

pain and acutely agitated and combative state with extreme hypertension. This patient fluctuated between calm and sedated state with almost no expression of

required a more thorough evaluation prior to definitive operative fixation. his open femur fracture warranted timely intervention but his complex facial injuries parties involved and help determine the patient's most urgent needs. In this patient injuries the anesthesiologist is uniquely positioned to coordinate with all surgical interventions that need to be made. In cases where patients have multiple traumatic In a trauma patient there are often conflicting goals of care and time-critical

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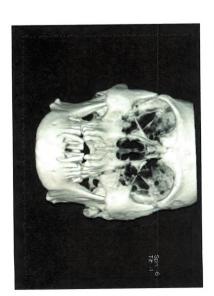
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Anesthetic Preparation and Management:

were able to get a view of the cords and noted that there was minimal bleeding into Anesthesiologist, CRNA, and ENT staff and residents prior to bringing patient to the uneventfully. RSI with Propofol and Succinylcholine as patient was acutely hypertensive (SBP peak the pharynx/larynx with our initial manipulation. At that time we elected to perform awake glideoscope for more than a few seconds in his acutely agitated state, but we standby at bedside for emergent surgical airway if necessary. Patient did not tolerate plans included fiberoptic tower at bedside as well as cricothyrotomy kit, with ENT on OR. Primary airway plan was topicalization with 5% lidocaine jelly "Lidocaine Iollipop" stabilization of fractures by both ENT and Orthopedics teams proceeded be reobtained with relaxation. Patient was successfully intubated and surgical 230) and it was felt that the glidescope view was adequate for intubation and could and anxiolysis with Dexmedetomidine followed by an awake glidescope. Contingency An interdisciplinary approach was utilized and the patient was discussed with staff



Army, Department of Defense or the U.S. Government. The views expressed herein are those of the authors and do not reflect the official policy or position of San Antonio Military Medical Center, the U.S. Air Force Medical Department, the U.S. Army Surgeon General, the Department of the